



Leishmaniasis--An unusual cause of splenomegaly in Romania

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Abstract:

Leishmaniasis is a parasitic infection caused by protozoans classified as *Leishmania* species. Romania is not considered an endemic country and there are only few reports of sporadic cases in the last 100 years. However, studies suggest that the disease is spreading north. We present the case of a 44 year old female that presented with asthenia, perspirations, vertigo, weight loss and menometrorrhagias in small to medium quantity. Clinical exam revealed the presence of splenomegaly and her blood tests indicated she had pancytopenia; differential diagnosis included myeloproliferative or lymphoproliferative disorders, infections that evolve with spleen enlargement, autoimmune-related splenomegaly and hepatic--all tests were negative. She refused the bone marrow aspiration. Three months later, her condition worsened and the menometrorrhagias became more severe. Bone marrow aspiration revealed the presence of numerous intra and extracellular *Leishmania* spp. amastigotes. A detailed anamnesis showed that she had worked for six months in Italy as a care-giver nine months ago. She was transferred to Bucharest where she received optimal treatment. However, due to the continuous bleeding, the evolution was unfavourable. This is an alarm sign for physicians that should take into account the fact that, due to population migration and global warming, tropical infectious diseases are becoming more and more common. The signs and symptoms, as well as the treatment in leishmaniasis are reviewed, as well as a brief history of leishmaniasis in Romania.

Source: http://www.revmedchir.ro/uploads/1/5/7/2/15722076/v_16_c_alex_a_teodora_mip_cc.pdf

Resource Description

Exposure : ☒

weather or climate related pathway by which climate change affects health

Human Conflict/Displacement

Geographic Feature: ☒

resource focuses on specific type of geography

None or Unspecified

Geographic Location: ☒

resource focuses on specific location

Non-United States

Climate Change and Human Health Literature Portal

Non-United States: Europe

European Region/Country: European Country

Other European Country : Romania

Health Impact: ☒

specification of health effect or disease related to climate change exposure

Infectious Disease

Infectious Disease: Vectorborne Disease

Vectorborne Disease: Fly-borne Disease

Fly-borne Disease: Leishmaniasis

Resource Type: ☒

format or standard characteristic of resource

Research Article

Timescale: ☒

time period studied

Time Scale Unspecified